



Environmental Analysis

Above, a technician of the engineering-architecture firm of Burns & McDonnell is taking aircraft noise readings as part of an airport environmental control study. Burns & McDonnell, Kansas City, Missouri is engaged primarily in design of such facilities as electric utilities, industrial plants, wastewater treatment systems, dams and reservoirs, and aviation installations. In addition to design and engineering work, the company conducts environmental analyses and advises clients as to the environmental considerations of a particular construction project.

Field data gathered for environmental impact studies is computer processed at Burns & McDonnell's data processing center, a portion of which is shown at left. The center makes use of computer programs supplied by NASA's Computer Software Management and Information Center (COSMIC)[®]; in environmental analyses, Burns & McDonnell uses COSMIC's Program for Contouring Randomly Spaced Data. Use of the COSMIC software has allowed substantial savings and contributed to an increase in the number of Burns & McDonnell customers requesting environmental analysis services.

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